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FACSIMILE TRANSMISSION

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TO: Examiner Carla J. Myers, Group Art Unit 1634
FAX: 703-872-9306 **TELEPHONE:** 703-308-2199
FROM: Luke Santangelo, USPTO Reg. No. 31,997
DATE: April 5, 2004

TOTAL PAGES: 55 (including this cover page) X Facsimile Filing

LETTER OF FACSIMILE TRANSMITTAL

First Named Inventor: Jack C. Whittier
Serial Number: 09/879,480
Filed: June 12, 2001
Title: Integrated Herd Management System Utilizing Isolated Populations of X-Chromosome Bearing and Y-Chromosome Bearing Spermatozo
Assignee: Colorado State University through its agent Colorado State University Research Foundation
Attorney Docket No.: HrdMgmtCIP

Enclosed for filing in the above application please find the following:

1. a Response and Request for Reconsideration under 37 C.F.R. § 1.111 (26 pages);
2. an Affidavit Under 37 C.F.R. § 1.132 (17 pages);
3. a Petition For Extension of Time under 37 C.F.R. § 1.136(a) (2 pages);
4. a Notification of Change of Small Entity Status under 37 C.F.R. 1.27(g)2 (1 page);
5. an Associate Power of Attorney (1 page);
6. a Supplemental Application Data Sheet (4 pages);
7. a Credit Card Payment Form authorized in the amount of \$950.00 (1 page);
8. this Letter of Transmittal (2 pages); and
9. a Certificate of Facsimile Transmittal (1 page).

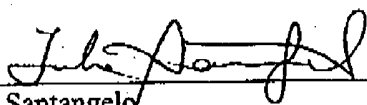
Please confirm receipt of the documents by return facsimile indicating the date of receipt and application number.

I have this 5th day of April, 2004, either myself personally or through my direction of staff at this office, forwarded all of the items in the above Letter of Transmittal via Facsimile Number 703-872-9306, Attention: Carla J. Myers, Group Art Unit 1634.

Dated this 5th day of April, 2004.

Respectfully Submitted,
SANTANGELO LAW OFFICES, P.C.

By:



Luke Santangelo
ATTORNEY FOR APPLICANT
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IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number: 09/879,480
Applicants: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and
George Seidel
Filed: June 12, 2001
Title: Integrated Herd Management System Utilizing Isolated
Populations of X-Chromosome Bearing and Y-Chromosome
Bearing Spermatozoa
TC/A.U: 1634
Examiner: Carla J. Myers
Assignee: Colorado State University through its agent Colorado State
University Research Foundation
Attorney Docket: HrdMgmtCIP
Customer No. 33549

RESPONSE AND REQUEST FOR RECONSIDERATION (37 C.F.R. § 1.111)

This amendment and request for reconsideration is in response to an Office Action mailed October 3, 2003. A shortened statutory period of three months has been set, making a response to this action due on or by January 3, 2004. The applicant is requesting that this time period be extended for three months to and including April 3, 2004 and has included a Petition for Extension of Time along with the prescribed fee. The Applicant further notes that because April 3, 2004 falls on a Saturday, the response to this action is due on April 5, 2004. To respond to all issues and concerns raised in the Office Action, this amendment and request for reconsideration is submitted. This response is made in accordance with 37 C.F.R. § 1.121 as amended using the format with each heading beginning on a separate page as follows:

1. Amendments to the Specification begin on page 3 of this response;
2. Amendments to the claims are reflected in the Listing of Claims
beginning on page 17 of this response; and

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PAGE 3/55 * RCVD AT 4/5/2004 7:57:49 PM [Eastern Daylight Time] * SVR:USPTO-EFXXRF-1/2 * DNIS:8729306 * CSID:9702243175 * DURATION (mm-ss):16-38

3. Remarks begin on page 24 of this response.

In accordance with the amendment directions provided in 37 C.F.R. § 1.121, please amend the claims of this application as set forth in the Listing of Claims. Each amendment is believed to have been made in accordance with Rule 121. However, should any unintended informality exist, it is requested that the undersigned be contacted by telephone so that the informality may be resolved as expediently as possible. The Applicant further notes it is believed that the current amendments do not incur any claim fees. However, should any claim fees be due, it is again requested that the undersigned be contacted by telephone so that the informality may be resolved as expediently as possible.